

PATENT

Docket No.: 19603/1453 (CRF D-2008B)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Xin-Yun Huang

Serial No. : 09/273,217

Cnfrm. No. : 6809

Filed : March 19, 1999

For : METHODS FOR DESIGNING SPECIFIC  
ION CHANNEL BLOCKERS

)  
) Examiner:  
) Zachary C. Howard

)  
) Art Unit:  
) 1646

COMMUNICATION

**Mail Stop ISSUE FEE**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

On September 16, 1999, applicant submitted a Supplemental Information Disclosure Statement Under 37 CFR §§ 1.97-1.98 along with a PTO-1449 form (copies enclosed) and copies of the six cited references (copies enclosed).

On March 14, 2001, the U.S. Patent and Trademark Office ("USPTO") mailed an office action, which included a returned copy of the aforementioned PTO-1449 with a line drawn through each of the six cited references, indicating that the references had not been considered. No explanation was given as to why the cited references had not been considered.

On September 13, 2001, applicant filed an Amendment, in which applicant renewed its request to have the USPTO consider the six references listed on the September 16, 1999, PTO-1449 form. Applicant also requested an explanation as to why the references had not been considered previously.

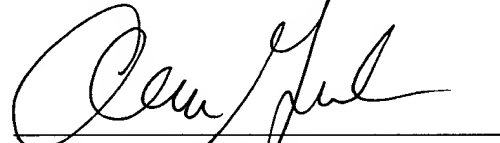
On December 4, 2001, the USPTO mailed an office action, which included another returned copy of the aforementioned PTO-1449 form. Again, a line was drawn through each of the six references cited in the PTO-1449 form, indicating non-consideration of the references. Further, in the left margin of the returned PTO-1449, the USPTO included a handwritten notation that stated that the "[r]eferences have not been provided."

- 2 -

Applicant asserts that the six references listed on the PTO-1449 form were, indeed, submitted to the USPTO along with the September 16, 1999, Supplemental Information Disclosure Statement. Thus, applicant respectfully requests that the enclosed references be considered prior to issuance of the present application. Applicant also requests that a copy of either the previously submitted PTO-1449 form (enclosed herewith) or the currently submitted PTO/SB/08A form (which lists the same references included in the previously submitted PTO-1449 form) be initialed and returned to applicant to indicate that the cited references have been considered.

Date: July 14, 2005

Respectfully submitted,

Andrew K. Gonsalves  
Registration No. 48,145

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Certificate of Mailing - 37 CFR 1.8(a)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: <i>mail stop</i> Commissioner for Patents P.O. Box 1450 <i>Issue</i> Alexandria, VA 22313-1450, on the date below. <i>Fee</i>	
Date	<i>7/14/05</i>   <i>Janice Bowers</i> <i>Janice Bowers</i>



PATENT  
Docket No.: 19603/1451 (CRF D-2008A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Xin-Yun Huang	)	Examiner:
		)	Unknown
Serial No. :	09/273,217	)	
		)	Art Unit:
Filed :	March 19, 1999	)	1643
		)	
For :	METHODS FOR DESIGNING SPECIFIC ION	)	
	CHANNEL BLOCKERS	)	
		)	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box:

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form. These references were identified in the attached International Search Report for the counterpart PCT application.

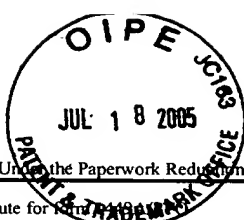
Respectfully submitted,

Date: 9/16/99

Dennis M. Connolly  
Dennis M. Connolly  
Registration No. 40,964

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<b>Certificate of Mailing - 37 CFR 1.8(a)</b>	
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<u>Sept. 16, 1999</u>	<u>Ruth A. Smith</u>
Date	Ruth A. Smith



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/273,217
				Filing Date	March 19, 1999
				First Named Inventor	Xin-Yun Huang
				Art Unit	1646
				Examiner Name	Zachary C. Howard
Sheet	1	of	1	Attorney Docket Number	19603/1453 (CRF D-2008B)

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				
	1	WO 90/10871 A1	09-20-1990	Cahalan et al.		
	2	WO 96/10091 A1	04-04-1996	Boltz		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	3	MORTON et al., "Monoclonal Antibody to the $\alpha_1$ - Subunit of the Dihydropyridine-Binding Complex Inhibits Calcium Currents in BC3H1 Myocytes," <i>J. Biol. Chem.</i> , 263(2):613-616 (1988)	
	4	KOCH et al., "Complex Subunit Assembly of Neuronal Voltage-Gated K <sup>+</sup> Channels," <i>J. Biol. Chem.</i> , 272(44):27577-27581 (1997)	
	5	KOSCHAK et al., "Subunit Composition of Brain Voltage-Gated Potassium Channels Determined by Hongotoxin-1, a Novel Peptide Derived from <i>Centruroides limbatus</i> Venom," <i>J. Biol. Chem.</i> , 273(5):2639-2644 (1998)	
	6	ZHOU et al., "Specific Antibodies to the External Vestibule of Voltage-Gated Potassium Channels Block Current," <i>J. Gen. Physiol.</i> , 111:555-563 (1998)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.